

Draft Business Process to Strategic Plan Comparison

NILS				User	Benefit	COTS Item
Extension	Business Process	Expected Benefit	Strategic Plan Goal	Type	Type	meets?Y/N
Survey Management	Locate, view and evaluate all relevant digital database, non-digital records for the research area	A common land net and common display of land data will lead to quality decision making.	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Survey Supervisor, Surveyor	Intangible	
Survey Management	Create Field Survey Setup File to manage the collection of readings, observations, and measurements	Relative positional accuracy of corners will be improved.	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Survey Supervisor, Surveyor	Intangible	
Survey Management	Configure a Data Collection Device and/or computation device by selecting and applying a Field Survey Setup File	Customers will be served from one common source. Avoids time-consuming technical and legal problems currently encountered by land management specialists.	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Survey Supervisor, Surveyor	Tangible	
Survey Management	Collect field data by recording readings using a Data Collection Device	Shared collection and maintenance of land survey data reduces direct non-labor costs.	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Surveyor	Intangible	
Survey Management	Calculate coordinate positions by using Coordinate Geometry tools.	Consistent topology is maintained with the use of standard collection/adjustment tools;	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Survey Supervisor, Surveyor, Parcel Editor	Tangible	
Measurement Management	Apply construction and computational methods to construct a measured feature.	Apply construction and computational methods to construct a measured feature.	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Survey Supervisor, Surveyor, Parcel Editor	Tangible	
Measurement Management	Analyze and adjust coordinate values for points by performing an iterative parametric least squares adjustment on a measurement network.	Calculate coordinate positions by using Coordinate Geometry tools.	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Survey Supervisor, Surveyor, Parcel Editor	Tangible	
Measurement Management	Manual entry/edit of measurement data values	Eliminates Survey errors. Error detection and correction software allows for user intervention when validating survey data.	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Supervisor, Surveyor, Data Entry Person	Tangible	

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Extension	Business Process	Expected Benefit	Strategic Plan Goal	User Type	Benefit Type	COTS Item meets?Y/N
Parcel Management	Identify and verify parcels affected by an initiating event, determine the appropriate maintenance actions needed to process the parcel or event.	Relate information to a specific parcel on the landscape	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Customer, Data Entry person, Data Analyst, Parcel Editor	Tangible	
Parcel Management	Construct the basic legal description components	Integrate positional and descriptive parcel-based land information for all boundary information	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Survey Supervisor, Surveyor, Parcel Editor	Tangible	
Parcel Management	Edit the legal description fabric, add new or update existing components	Resolves problems with associating or aggregating legal descriptions from the legal description fabric	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Parcel Editor	Tangible	
Parcel Management	Make cartographic adjustments to improve alignment of features in a fabric	Resolves problems with associating or aggregating legal descriptions from the legal description fabric	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Parcel Editor	Tangible	
Parcel Management	Create new parcel records and/or edit parcel attribute values.	Consistent methods of creating and editing parcels	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Parcel Editor	Tangible	
Parcel Management	Create or modify parcel, legal description or measurements annotation to support formatted output	Provide custom feature classes, tools and procedures for editing land records in a transactional history-tracking environment	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Parcel Editor, Cartographer	Tangible	
Geo Communicator	Conduct search for data, reference document and events	Serves land management specialists by providing an easy to use interface.	Deliver quality services to customers; improve customer service and customer satisfaction	Surveyor, Public User, Land Resource Managers	Intangible	

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Geo Communicator	View, evaluate, and/or remove items (data, reference document and events) returned in the research results	Facilitates analysis of potential land uses, opportunities, and conflicts for planning, environmental analysis and other decision making processes	Deliver quality services to customers; Provide 1 stop service for customers doing business with multiple agencies	Surveyor, Public User Land Resource Managers	Intangible	
Geo Communicator	Submit an event for professional peers to review	Facilitate data exchange, permit pooling of resources	Improve Land, resource, and title information. Through automation, provide a more efficient means to use land information	Surveyor, Land Resource Managers	Intangible	
Geo Communicator	Resolve errors involving subscription and event notification. Resolve failed email notification and remove outdated events.	Improve operational efficiency	Improve Land, resource, and title information. Through automation, provide a more efficient means to use land information	Administrator	Tangible	
Geo Communicator	Process to establish or modify data provider, event provider account (provider information).	Distributed data storage saves hardware, system and data administration costs	Improve Land, resource, and title information. Increase information sharing and collaborative decisionmaking by providing wider access to BLM's business and land information	Interagency Managers, Data Providers	Tangible	
Geo Communicator	Submit geo-referenced data, geo-related data and/or reference documents to GeoCommunicator	Shared incremental collection of Land Information to reduce costs and workload	Improve Land, resource, and title information. Increase information sharing and collaborative decisionmaking by providing wider access to BLM's business and land information	Interagency Managers, Data Providers	Intangible	
Geo Communicator	Establish or modify subscriber account – user information, user preferences, subscription/notification parameters	Increase staff productivity through email notification of updated information, land activity and land related events	Improve Land, resource, and title information. Increase information sharing and collaborative decisionmaking by providing wider access to BLM's business and land information	Public User, Interagency Managers	Tangible	
Geo Communicator	System administration to quality control (QC) and insert new/replacement data, to modify data catalog, or to delete data from the system.	Improve quality control and support FGDC data content standards	Improve Land, resource, and title information. Through automation, provide a more efficient means to use land information	Administrator	Tangible	
Geo Communicator	System administration of subscriber and provider accounts	Improve security	Improve Land, resource, and title information. Through automation, provide a more efficient means to use land information	Administrator	Tangible	

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Geo Communicator	Communicate to a topical forum or email group, or data provider, to publish an information notice (e.g. data discrepancy), or to publish an information call (e.g. data request, reference request, event request).	Provide functionality that compliments clearinghouse activity. Achieve significant increases in customer service	Improve Land, resource, and title information. Increase information sharing and collaborative decisionmaking by providing wider access to BLM's bussiness and land information	Public User, Interagency Managers, Surveyors, Data Providers	Intangible	
Geo Communicator	System administrator (1) sets up and closes communication forums, email groups; (2) monitors content; and (3) manages errors.	Improve security	Improve Land, resource, and title information. Through automation, provide a more efficient means to use land information	Administrator	Tangible	
NILS General System	Manage Data Transformation	Provide a common set of tools for managing land records and cadastral feature data stored in a geodataset model	Improve Land, resource, and title information. Provide spatial data technologies to assist in data collection and analysis to support resource management decision making	Administrator	Tangible	
NILS General System	Make formatted output	Provide a simple web based user interface for spatial query and display	Deliver quality services to customers; improve customer service and customer satisfaction	Public User, Land Resource Managers	Intangible	
NILS General System	Compare/Contrast Data	Minimize the need for data conversion and reconstruction	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Administrator	Tangible	
NILS General System	Reconstruct Historical Version of Data	Overall time to resolve survey conflicts, taxation or environmental issues will be reduced	Improve Land, resource, and title information. Through automation, provide a more efficient means to use land information	Surveyor, Public User Land Resource Managers	Intangible	
NILS General System	Administer Data Access Rights	Improve security	Improve Land, resource, and title information. Through automation, provide a more efficient means to use land information	Administrator	Tangible	
NILS General System	Audit Workflow Process	Improve data quality, land management	Improve Land, resource, and title information. Ensure that BLM's spatial, cadastral and records data and information are collected and maintained to standard.	Administrator	Tangible	